

ELECTRICAL CONTACT FOR HIGH DIELECTRIC CONSTANT CAPACITORS AND METHOD FOR FABRICATING THE SAME

Abstract of the Disclosure

An electrical contact includes a non-conductive spacer surrounding conductive plug material along the full height of the contact. The spacer inhibits oxide and other diffusion through the contact. In the illustrated embodiment, the contact includes metals or metal oxides which are resistant to oxidation, and additional conductive barrier layers. The contact is particularly useful in integrated circuits which include high dielectric constant materials.

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